## $^{80}$Se(t,p) 1984Wa13

History

| Type | Author | Citation | Literature Cutoff Date |
|---|---|---|---|
| Full Evaluation | J. K. Tuli, E. Browne | NDS 157, 260 (2019) | 1-Mar-2019 |

E=15 MeV. Enriched target. Magnetic spectrograph, FWHM=20 keV. $\theta$=3.75° to 86.25°.

### $^{82}$Se Levels

| E(level)† | L‡ | S# | E(level)† | L‡ | S# | E(level)† | L‡ | S# |
|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 35.0 | 3449& *4* | 0+(5) | 13.8 | 4396 *6* | 2 | 2.7 |
| 656 *6* | 2 | 0.68 | 3581 *8* | 2 | 1.5 | 4466 *4* | (4) | 0.91 |
| 1412 *6* | 0 | 0.54 | 3669 *6* | 2 | 2.5 | 4518 *9* | (4) | 2.8 |
| 1735@ *8* | 2+4 | 1.90+3.05 | 3748 *13* | 2 | 2.7 | 4578 *6* | (4) | 2.3 |
| 2546 *12* | | | 3834 *8* | 0 | 4.6 | 4809 *13* | (1) | 0.52 |
| 2897 *6* | | | 3921 *6* | 2 | 10.2 | 4881 *13* | (4) | 0.90 |
| 3012 *4* | 3 | 0.07 | 4010 *5* | 2 | 2.8 | 4969 *11* | | |
| 3101 *9* | (5) | 0.065 | 4134 *6* | 2 | 6.1 | 5029 *12* | (1) | 0.36 |

† There is an additional systematic ΔE=6 keV due to uncertainty in g.s. line determination.
‡ From DWBA.
# Enhancement factor $\varepsilon$ defined by $\sigma$(exp)=9.7×N×$\varepsilon$×$\sigma$(DWBA) with N=23.
@ Known doublet.
& Possibly doublet.